



## OAQ SOURCE SPECIFIC OPERATING AGREEMENT

### OA-14: Internal Combustion Sources (326 IAC 2-9-14)

State Form 53451 (9-07)

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT



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#### NOTES:

- The purpose of this form is to identify all of the source specific operating agreement requirements for 326 IAC 2-9-14.
- Detailed **instructions** for this form are available online at [www.in.gov/idem/permits/air/apps/instructions/oa14instructions.html](http://www.in.gov/idem/permits/air/apps/instructions/oa14instructions.html).
- All information submitted to IDEM will be made available to the public unless it is submitted under a claim of confidentiality. Claims of confidentiality must be made at the time the information is submitted to IDEM, and must follow the requirements set out in 326 IAC 17.1-4-1. Failure to follow these requirements exactly will result in your information becoming a public record, available for any one to inspect and photocopy.

#### Part A: Source Description

Part A identifies the source and describes the nature, design capacity, and typical operating schedule of the source.

##### 1. Source Description:

##### 2. Sourcedwide Design Capacity

(specify units of measure):

##### 3. Operation Schedule: hours per day days per week weeks per year

#### Part B: Operating Agreement

Part B certifies that the operation qualifies for the source specific operating agreement.

##### 4. Operating Agreement

- I have reviewed the requirements under 326 IAC 2-9 and have determined that the proposed operation qualifies for a source specific operating agreement (SSOA) under this rule.

Name (typed)

Title

Signature

Date

### Part C: Compliance Option

Part C identifies the option that source is choosing for compliance with the requirements of 326 IAC 2-9-14.

**Choose only ONE of the following options.**

- OPTION 1:** I will comply with the requirements of 326 IAC 2-9-14 by carrying out the following set of requirements for any stationary internal combustion source, including any combination of turbines, reciprocating engines, or engines.

Process Limitation: 326 IAC 2-9-14(a)(1)

Limit fuel usage for every twelve (12) month period to less than the limits found in subsection (e), Table 1 for a single fuel or a combination of two (2) fuels.

Monitoring Requirements: 326 IAC 2-9-14(b)

Sources must be able to demonstrate compliance no later than thirty (30) days after receipt of a written request by the department or U.S. EPA. No other demonstration of compliance shall be required. A source specific operating agreement is not required for these sources.

- OPTION 2:** I will comply with the requirements of 326 IAC 2-9-14 by carrying out the following set of requirements for any stationary internal combustion source, including any combination of turbines, reciprocating engines, or engines.

Process Limitation: 326 IAC 2-9-14(a)(2)

Limit fuel usage for every twelve (12) month period to less than the limits found in subsection (f), Table 2 for a single fuel or a combination of two (2) fuels.

Record Keeping Requirements: 326 IAC 2-9-14(d)

The following records shall be kept at the source:

- (1) Hours operated for each combustion unit.
- (2) Records of annual fuel usage for each combustion unit.
- (3) Routine maintenance records.

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#### Part D: Fuel Limits

Part D specifies the fuel limits associated with 326 IAC 2-9-14.

**TABLE 1 [326 IAC 2-9-14(e)]**

Fuel	Maximum Fuel Usage per Year
Large turbine; Natural gas	227.27 MMCF/yr
Distillate	1,414.42 kgals/yr
Uncontrolled natural gas prime movers; Gas turbines	294.11 MMCF/yr
2-cycle lean burn	37.03 MMCF/yr
4-cycle lean burn	31.25 MMCF/yr
4-cycle rich burn	43.47 MMCF/yr
Diesel, reciprocating <600 HP	165.51 kgals/yr
Gasoline, reciprocating <250 HP	12.26 kgals/yr
Diesel, large stationary	235.45 kgals/yr

**TABLE 2 [326 IAC 2-9-14(f)]**

Fuel	Maximum Fuel Usage per Year
Large turbine; Natural gas	363.63 MMCF/yr
Distillate	2,263.07 kgals/yr
Uncontrolled natural gas prime movers; Gas turbines	470.58 MMCF/yr
2-cycle lean burn	59.25 MMCF/yr
4-cycle lean burn	50.00 MMCF/yr
4-cycle rich burn	69.56 MMCF/yr
Diesel, reciprocating <600 HP	264.82 kgals/yr
Gasoline, reciprocating <250 HP	19.62 kgals/yr
Diesel, large stationary	376.72 kgals/yr

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